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| 08/932,993      | 09/18/97    | MCKAIN               | J A0521/7118        |

PETER J GORDON  
WOLF GREENFIELD & SACKS  
FEDERAL RESERVE PLAZA  
600 ATLANTIC AVENUE  
BOSTON MA 02210-2211

LM02/0302

EXAMINER

CHRISTENSEN, A

ART UNIT

PAPER NUMBER

2712

DATE MAILED:

03/02/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
**08/932,993**

Applicant(s)

**McKain et al.**

Examiner

**Andy Christensen**

Group Art Unit

**2712**



☒ Responsive to communication(s) filed on Jun 8, 1998

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claim

☒ Claim(s) 1-16 is/are pending in the applicat

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-16 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 2, 3

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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1. The specification is objected to in that page 1 cites applications 08/606,429, 08/816,068 and 08/702,152 as being pending when in fact these application have been abandoned. Correction is required.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 4 and 13-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 recites the limitation "the digital computer-readable and writable random-access medium" in lines 13-14. There is insufficient antecedent basis for this limitation in the claim.

Claim 13 recites the limitation "the computer readable medium" in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 14 recites the limitation "the computer readable medium" in line 3. There is insufficient antecedent basis for this limitation in the claim.

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Claim 14 recites the limitation "second switches" in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 15 recites the limitation "the recording medium" in line 1. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

3. Claims 1-7 and 9-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Washino et al. (U.S. Patent No.5,537,157).

Regarding Claim 1, Washino et al. disclose a digital motion picture recorder comprising a housing sized to be portable for use by an individual (Column 6, Lines 63-64), a decoder mounted in the housing for receiving a broadcast television quality full motion picture video signal and for converting the broadcast television quality full motion video signal into a plurality of digital still images (Figure 2a; Items 50,52), a digital computer-readable and writable random access medium (Figure 3, Item 70; Figure 4, Item 104) mounted in the housing and connected both to receive and

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store and to retrieve and playback the plurality of digital still images in a computer-readable file format, an encoder having an input for receiving a sequence of digital still images for generating as an output a broadcast television quality full motion video signal (Column 10, Lines 11-18), a switch having a first input receiving the plurality of digital images from the decoder and a second input receiving the plurality of digital still images from the digital computer-readable and writable random-access medium and an output connected to the input of the encoder (See Column 12, Lines 12-23 where such a switch is clearly present), and an interface responsive to user input to cause the switch to provide one of the first and second inputs as the sequence of digital still images to the input of the encoder (See Column 8, Line 65 - Column 9, Line 9 with Column 12, Lines 12-23 and Column 14, Lines 35-53 where such an interface is clearly present).

Regarding Claim 2, Washino et al. disclose a motion picture editing system within the housing (Column 1, Lines 10-15).

Regarding Claim 3, Washino et al. disclose a display and editing control on the housing to edit and display the sequence of digital still images (Column 3, Lines 62-65).

As to Claim 4, see Examiner's comments regarding Claim 1 and note that Washino et al. disclose a camera mounted on the portable housing having an output providing a video signal that is input to the decoder (Figure 2c).

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As to Claim 5, see Examiner's comments regarding Claims 1 and 4.

As to Claim 6, see Examiner's comments regarding Claim 1.

Regarding Claim 7, Washino et al. disclose a means (Figure 3, Items 72, 74; Figure 4, Items 106, 110) for selectively operating the means for storing to store the received video signal as digital video information or to direct stored video information to the encoder.

Regarding Claim 9, Washino et al. disclose a second encoder having a first input connected to receive stored digital video information and a second input connected to receive the received video signal, and an output providing an output video signal according to a selected one of the first and second inputs, and a means for causing the second encoder to select from one of the first and second inputs (See Figure 4 and note that encoders are supplied for each of a plurality of digital inputs).

Regarding Claim 10, Washino et al. disclose an audio encoder (Figure 4, Item 136) having a first input connected to receive input audio information and a second input connected to receive stored audio information, and an output providing an output audio signal according to a selected one of the first and second inputs, and a means for causing the audio encoder to select from one of the first and second inputs (Column 12, Lines 4-11).

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Regarding Claim 11, Washino et al. disclose a first bus (Figure 4; "Digital Inputs") connecting the means for receiving the video signal to the first input of the encoder, and a second bus (Figure 4; "Data Bus") connecting the means for storing to the second input of the encoder.

Regarding Claim 12, Washino et al. disclose a camera mounted on the portable housing having an output providing the broadcast television quality motion video signal (Figure 2c).

Regarding Claim 13, Washino et al. disclose a media data buffer (Figure 3; Item 72) which receives sequences of digital still images from the decoder and outputs the sequence of digital still images to the computer readable medium and further comprising a processor (Figure 3; Item 74) for controlling data flow between the media data buffer and the computer readable medium.

Regarding Claim 14, Washino et al. disclose a first pixel bus (Figure 4; "Digital Inputs") for transmitting received sequences of digital still images from the decoder, and a second pixel bus (Figure 4; "Data Bus") for transmitting sequences of digital still images from the computer readable medium wherein the first and second pixel buses are both connected to the switch (See Column 12, Lines 12-23 and Column 14, Lines 45-53 and note that such a connection is clearly present in order to provide an output consisting of a combination of the images from the two sources).

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Regarding Claim 15, Washino et al. disclose that the recording medium is a disk drive having a capacity to store several minutes of sequences of digital still images (Column 8, Lines 34-53).

Regarding Claim 16, Washino et al. disclose a means for receiving, digitizing and storing audio signals in synchronization with the motion video signals and for selecting audio from at least one of a plurality of audio channels ( Column 12, Lines 4-11).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Washino et al. ('157) in view of Washino et al. (U.S. Patent No. 5,488,433).

Washino et al. ('157) disclose an editing system for integrating any combination of live camera signals, prerecorded materials and scanned images but do not disclose generating a play list that includes instruction on how to do so.

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However Washino et al. ('433) disclose such an arrangement for a similar device (Column 7, Lines 7-30) whereby the editing operation is automated and permits the use of instructions generated off-line (Column 7, Lines 25-31). Use of such a play list in Washino et al. ('157) would clearly increase the speed of the editing operation by automating the process and/or permitting previously generated instructions to be used. Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to provide a play list in Washino et al. ('157) in order to increase the speed and versatility of the editing operation.

5. Any response to this action should be mailed to:

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or faxed to:

(703) 308-6306 (for draft communications; please label "PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to Crystal Park 2, 2121 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).

6. Any inquiry regarding this communication or earlier communications from the examiner should be directed to Andy Christensen whose telephone number is (703) 308-9644.

If attempts to reach the examiner by telephone are unsuccessful the examiner's supervisor, Wendy Garber, can be reached on (703) 305-4929.

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The fax number for this group is (703) 308-5359.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

ac

February 25, 2000



**ANDREW CHRISTENSEN  
PATENT EXAMINER**